

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

- 1 1. (currently amended) A data backup management method, comprising:
 - 2 receiving multiple user files from at least one client station coupled to a data storage subsystem;
 - 4 storing at least some of the multiple user files in a retrieval storage pool at a first location in the data storage subsystem;
 - 6 creating a managed file comprising an aggregation of at least some of the multiple user files;
 - 8 applying first predetermined criteria to a user file stored in the retrieval storage pool to designate the user file in the retrieval storage pool as one of a higher priority and a lower priority wherein said first predetermined criteria include the status of the user file as one of active and inactive wherein an active user file currently resides on said client station and is designated a higher priority user file, and an inactive user file once resided on a client station but has been subsequently at least one of modified and deleted on said client station, and is designated a lower priority user file; and
 - 15 deleting from said retrieval storage pool a user file designated as lower priority.
- 1 2. (original) The method of claim 1 further comprising retaining in said retrieval storage pool a user file designated as higher priority.
- 1 3. (cancelled)
- 1 4. (original) The method of claim 1 wherein said retrieval storage pool is located in a disk storage.
- 1 5. (original) The method of claim 1 wherein said managed file creating includes copying user files to an aggregation storage pool and designating the aggregation of user files in the aggregation storage pool as a single file in a database.

1 6. (original) The method of claim 5 further comprising transferring said managed
2 file from said aggregation storage pool to another location within a data hierarchy in the
3 data storage subsystem.

1 7. (original) The method of claim 5 wherein said copying includes copying user
2 files from the retrieval storage pool to the aggregation storage pool.

1 8. (original) The method of claim 5 wherein said aggregation storage pool is
2 located in a tape storage.

1 9. (original) The method of claim 6 wherein said managed file is migrated to a
2 tape storage.

1 10. (original) The method of claim 1 further comprising copying received user
2 files to an aggregation storage pool wherein said managed file creating includes creating
3 a managed file comprising a contiguous aggregation of said user files copied to said
4 aggregation storage pool.

1 11. (currently amended) A data backup management method, comprising:
2 receiving multiple user files from at least one client station coupled to a data
3 storage subsystem;
4 storing at least some of the multiple user files in a retrieval storage pool at a first
5 location in the data storage subsystem;
6 creating a managed file comprising an aggregation of at least some of the multiple
7 user files;
8 applying first predetermined criteria to a user file stored in the retrieval storage
9 pool to designate the user file in the retrieval storage pool as one of a higher priority and
10 a lower priority wherein said first predetermined criteria include the status of the user file
11 as one of active and inactive wherein an active user file currently resides on said client
12 station and is designated a higher priority user file, and an inactive user file once resided

13 on a client station but has been subsequently at least one of modified and deleted on said
14 client station, and is designated a lower priority user file;
15 deleting from said retrieval storage pool a user file designated as lower priority;
16 copying received user files to an aggregation storage pool wherein said managed
17 file creating includes creating a managed file comprising a contiguous aggregation of said
18 user files copied to said aggregation storage pool; and
19 ~~The method of claim 10 further comprising~~ applying second predetermined
20 criteria to a user file received from a client station to designate the received user file as
21 one of a higher priority and a lower priority, and wherein said retrieval storage pool
22 storing includes storing received user files designated as higher priority in said retrieval
23 storage pool, and wherein said copying to an aggregation storage pool includes copying
24 received user files designated as lower priority to said aggregation storage pool.

1 12. (original) The method of claim 11 wherein each client station has an identity
2 and said second predetermined criteria include the identity of the client station which
3 was the source of a received user file wherein a user file received from a first client
4 station is designated a higher priority user file and is stored in said retrieval storage pool,
5 and a user file received from a second client station is designated a lower priority user file
6 and is stored in said aggregation storage pool.

1 13. (original) The method of claim 12 wherein said first predetermined criteria
2 include the status of the user file as one of active and inactive wherein an active user file
3 currently resides on said client station and is designated a higher priority user file, and an
4 inactive user file once resided on a client station but has been subsequently at least one of
5 modified and deleted on said client station, and is designated a lower priority user file.

1 14-49. (cancelled).

1 50. (currently amended) A data backup management method, comprising:
2 receiving multiple user files from at least one client station coupled to a data
3 storage subsystem;
4 storing at least some of the multiple user files in a retrieval storage pool at a first
5 location in the data storage subsystem;
6 creating a managed file comprising an aggregation of at least some of the multiple
7 user files, wherein said managed file creating includes copying user files to an
8 aggregation storage pool and designating the aggregation of user files in the aggregation
9 storage pool as a single file in a database;
10 applying first predetermined criteria to a user file stored in the retrieval storage
11 pool to designate the user file in the retrieval storage pool as one of a higher priority and
12 a lower priority wherein said first predetermined criteria include the status of the user file
13 as one of active and inactive wherein an active user file currently resides on said client
14 station and is designated a higher priority user file, and an inactive user file once resided
15 on a client station but has been subsequently at least one of modified and deleted on said
16 client station, and is designated a lower priority user file;
17 deleting from said retrieval storage pool a user file designated as lower priority;
18 and
19 retaining in said retrieval storage pool a user file designated as higher priority.

1 51. (cancelled)

1 52. (original) The method of claim 50 further comprising applying second
2 predetermined criteria to a user file received from a client station to designate the
3 received user file as one of a higher priority and a lower priority, and wherein said
4 retrieval storage pool storing includes storing received user files designated as higher
5 priority in said retrieval storage pool, and wherein said copying to an aggregation storage
6 pool includes copying received user files designated as lower priority to said aggregation
7 storage pool.

1 53. (currently amended) A data backup management method, comprising:
2 receiving multiple user files from at least one client station coupled to a data
3 storage subsystem;
4 applying first predetermined criteria to a user file received from a client station to
5 designate the received user file as one of a higher priority and a lower priority;
6 storing user files designated a higher priority in a retrieval storage pool in a disk
7 storage in the data storage subsystem;
8 creating a managed file comprising a contiguous aggregation of multiple user files
9 each designated lower priority, wherein said managed file creating includes copying
10 lower priority user files to an aggregation storage pool in a tape drive and designating the
11 aggregation of user files in the aggregation storage pool as a single file in a database;
12 applying second predetermined criteria to a user file stored in the retrieval storage
13 pool to designate the user file in the retrieval storage pool as one of active and inactive
14 wherein an active user file currently resides on said client station and is designated a
15 higher priority user file, and an inactive user file once resided on a client station but has
16 been subsequently at least one of modified and deleted on said client station, and is
17 designated a lower priority user file;
18 deleting from said retrieval storage pool a user file designated as inactive; and
19 retaining in said retrieval storage pool a user file designated as active;
20 wherein each client station has an identity and said first predetermined criteria
21 include the identity of the client station which was the source of a received user file
22 wherein a user file received from a first client station is designated a higher priority user
23 file and is stored in said retrieval storage pool, and a user file received from a second
24 client station is designated a lower priority user file and is stored in said aggregation
25 storage pool.

1 54. (cancelled)